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July 1997 **Linux Journal**


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Computer graphics and interactive techniques**, Volume 12 Issue 3


Full text available:  [pdf\(4.03 MB\)](#)

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Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

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Eddie Schwalb

April 2004 **Computers in Entertainment (CIE)**, Volume 2 Issue 2


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Hideaki Kuzuoka, Toshio Kosuge, Masatomo Tanaka

October 1994 **Proceedings of the 1994 ACM conference on Computer supported cooperative**

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Wenjun Zeng, Shawmin Lei

October 1999 **Proceedings of the seventh ACM international conference on Multimedia (Part**

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Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

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Dennis Tschritzis

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




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- ☐ 1. **High-quality frame-synchronization for satellite video signal transmission**
 Kubota, S.; Morikura, M.; Kato, S.;
 Aerospace and Electronic Systems, IEEE Transactions on
 Volume 31, Issue 1, Jan. 1995 Page(s):430 - 435
 Digital Object Identifier 10.1109/7.366324
Summary: A high-quality frame-synchronizer for video signal switching and fre
 proposed. In order to realize high-quality frame-synchronization, a novel high-s
 definition 11 bit analog-to-digital (A/D) converter which achieves the quite hi.....
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 Zadeh, J.;
 Potentials, IEEE
 Volume 19, Issue 3, Aug-Sep 2000 Page(s):28 - 32
 Digital Object Identifier 10.1109/45.876895
Summary: The personal computer (PC) is an integral part of our life. Televisio
 have a common origin in electronic technology. With respect to pictures and sc
 analog technology; PCs are digital. The analog video signal can be conve.....
[AbstractPlus](#) | Full Text: [PDF\(232 KB\)](#) IEEE JNL
- ☐ 3. **High-quality frame-synchronization and encryption for satellite video signi**
 Kubota, S.; Morikura, M.; Kato, S.; Hayashi, K.;
 Communications, 1990. ICC 90, Including Supercomm Technical Sessions. SL
 '90. Conference Record., IEEE International Conference on
 16-19 April 1990 Page(s):1064 - 1068 vol.3
 Digital Object Identifier 10.1109/ICC.1990.117236
Summary: A high-quality frame-synchronizer for video signal switching, freezin
 encryption is proposed. In order to realize the high-quality frame-synchronizer,
 speed and high-definition 11-b A/D (analog-to-digital) converter which achieves
[AbstractPlus](#) | Full Text: [PDF\(332 KB\)](#) IEEE CNF
- ☐ 4. **Satellite audio distribution on a video transponder using digital compres: edge SCPC technologies**
 Guffee, C.O., Jr.; Weinreich, D.;
 Digital Satellite Communications, 1995. Tenth International Conference on
 15-19 May 1995 Page(s):390 - 397 vol.2
Summary: Digital audio compression and SCPC (single channel per carrier) te
 permit efficient distribution of audio and data to a network of radio stations usin
 Transmitting the SCPC signals on the band-edge of a video transponder ca.....

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-  **5. A 1.3- μ m 35-km fiber-optic microwave multicarrier transmission system for stations**
 Way, W.; Wolff, R.; Krain, M.;
 Lightwave Technology, Journal of
 Volume 5, Issue 9, Sep 1987 Page(s):1325 - 1332
Summary: A field experiment that transmits a full bandwidth of C-band satellite over 35 km of 1.3- μ m single-mode fiber was demonstrated. The major requirement is an analog fiber-optic link for video transmission, including system line....
[AbstractPlus](#) | Full Text: [PDF\(2296 KB\)](#) IEEE JNL.
-  **6. Improved video processor for pyroelectric vidicon based IR camera**
 Kondratov, P.; Hrytskiv, Z.; Hoy, V.;
 Telecommunications in Modern Satellite, Cable and Broadcasting Service, 2001. 5th International Conference on
 Volume 2, 19-21 Sept. 2001 Page(s):426 - 429 vol.2
 Digital Object Identifier 10.1109/TELSKS.2001.955812
Summary: Improved variants of the video processing unit structure for a pyroelectric array) based infrared (IR) camera are considered. In comparison with the existing processing method, the proposed solutions provide a decrease in the....
[AbstractPlus](#) | Full Text: [PDF\(328 KB\)](#) IEEE CNF
-  **7. A compact spectrum and interference-resistant digital video transmission system**
 Kubota, S.; Morikura, M.; Enomoto, K.; Kato, S.;
 Global Telecommunications Conference, 1989, and Exhibition. 'Communications in the 1990s and Beyond'. GLOBECOM '89., IEEE
 27-30 Nov. 1989 Page(s):1729 - 1734 vol.3
 Digital Object Identifier 10.1109/GLOCOM.1989.64239
Summary: A compact-spectrum and interference-resistant digital video transmission system which employs an offset QPSK (quadrature-phase shift keying) modulation scheme and a 10 Mb/s video codec followed by a high-coding-rate and high-gain Viterbi decoder....
[AbstractPlus](#) | Full Text: [PDF\(404 KB\)](#) IEEE CNF
-  **8. The monitoring of analog and digital program signals in DBS system**
 Park, J.;
 Broadcasting, IEEE Transactions on
 Volume 42, Issue 2, June 1996 Page(s):130 - 138
 Digital Object Identifier 10.1109/11.506830
Summary: The purpose of monitoring the broadcast transmission system is to determine how the transmission system is performing and where a fault or condition exists in the transmission chain. The discussion in this paper focuses on the monitoring of analog and digital program signals in DBS system....
[AbstractPlus](#) | Full Text: [PDF\(1016 KB\)](#) IEEE JNL.
-  **9. Satway: an analogue electronic circuit design teaching exercise**
 Flynn, B.W.;
 Science, Measurement and Technology, IEE Proceedings A
 Volume 137, Issue 6, Nov. 1990 Page(s):365 - 370
Summary: The object of the satway exercise is to give students experience of building analogue electronic circuits using discrete components. It has been developed as a contribution to the EA2 requirements of the Engineering Council and is undertaken by students in the first year of the Engineering Council and is undertaken by students in the first year of the Engineering Council....
[AbstractPlus](#) | Full Text: [PDF\(448 KB\)](#) IEEE JNL
-  **10. VLSI-Implemented high speed digital burst modem-Applications for satellite and wireless LAN**
 Matsumoto, Y.; Kobayashi, K.; Sakata, T.; Seki, K.; Kubota, S.; Kato, S.;
 Communications, 1994. ICC 94, SUPERCOMM/ICC '94, Conference Record, : Through Communications. IEEE International Conference on
 1-5 May 1994 Page(s):1472 - 1477 vol.3
 Digital Object Identifier 10.1109/ICC.1994.368785

Summary: High speed (60 Mb/s) QPSK/OQPSK burst modem very large scale circuits (VLSICs), which allow radio units to be compact, economical and main introduced. These VLSICs enable modems to eliminate the analog devices su

[AbstractPlus](#) | Full Text: [PDF\(480 KB\)](#) IEEE CNF



11. Simultaneous transmission system for two video signals

Itoh, Y.; Enami, K.; Ninomiya, Y.; Shimoda, S.; Hoshino, Y.; Suzuki, T.;
Broadcasting Convention, 1992. IBC., International

3-7 Jul 1992 Page(s):188 - 192

Summary: A simultaneous transmission system for two video signals has been developed which can transmit two conventional TV signals through a single analog channel. This system may be used when the number of transmission channels is fewer than the number of available channels.

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